

**CLAIM SUMMARY DOCUMENT:**

1. (Previously amended) An isolated gene encoding a protein having activity to synthesize aurones ~~by preferentially~~ using chalcones as substrates, wherein said gene is obtained from *Scrophulariales*.

Claims 2-4 (Currently canceled)

5. (Previously amended) An isolated gene as set forth in claim 1, which encodes an amino acid sequence having a homology of at least 55% relative to the amino acid sequence described in SEQ ID NO:2, and encodes a protein having activity to synthesize aurones ~~by preferentially~~ using chalcones as substrates.

6. (Previously amended) A vector comprising a gene as set forth in claim 1.

7. (Previously amended) A host cell transformed by a vector as set forth in claim 6.

8. (Previously amended) A host cell as set forth in claim 7, wherein said host cell is a microorganism or animal cell.